

Message Text

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PAGE 01 BERN 05802 211653Z
ACTION EUR-12

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USDOC

USDOC FOR SEC, NOA, TIS

EO 11652: N/A
TAGS: BTIO SZ
SUBJ: LICENSE OFFER FOR LARGE DIAMETER REFLECTING TELESCOPE

1. PHYSICIST DR ERICH BAUM, 17A RINGSTRASSE, 6300 ZUG,
SWITZERLAND, HAS INFORMED EMBASSY THAT HE HAS DEVELOPED
NEW PROCESS WHICH WOULD ENABLE CONSTRUCTION REFELCTING
TELESCOPE OF LARGER DIAMETER THAN PRESENTLY EXISTS. BAUM
BELIEVES PRESENT PROCESSES LIMIT BUILDING SUCH TELESCOPE
TO 200 INCHES AS AT MT PALOMAR, AND 240 INCHES AS BUILT
IN SOVIET UNION. BAUM HAS ASKED EMBASSY TO TRANSMIT
COPIES OF HIS PATENT APPLICATIONS TO HALE OBSERVATORY,
MT PALOMAR, CALIF, IN HOPE THAT OFFICIALS THERE
WOULD BE INTERESTED IN USING HIS PROCESS UNDER LICENSE
FOR BUILDING LARGER REFELCTING TELESCOPE. BAUM ANXIOUS
THESE DOCUMENTS REACH QUALIFIED SCIENTISTS AT MT
PALOMAR VIA OFFICIAL CHANNELS PRIOR TO EXPIRATION APRIL 5, 1977
PRIORITY DATE FOR FILING PATENT OUTSIDE SWITZERLAND.

2. THESE DOCUMENTS (IN GERMAN LANGUAGE) RELATE TO:
A) PROCESS FOR CONSTRUCTING TELESCOPE REFLECTOR WITH
DISCRETIONARY DIAMETER, SWISS PATENT APPLICATION NO
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4197/76, PRIORITY EXPIRES APRIL 5, 1977;
B) PROCESS FOR SIMULTANEOUS RECEPTION OF OPTICAL AND
RADIO WAVES FROM ASTRONOMIC OBJECTS, SWISS PATENT
APPLICATION NO 9365/76, PRIORITY EXPIRES JULY 21, 1977; AND
C) PRECISION ORIENTATION SYSTEM FOR SLIDIN BEARING,
SWISS PATENT APPLICATION NO 12555/76, PRIORITY EXPIRES

OCT 4, 1977.

3. EMBASSY UNABLE TO EVALUATE THESE DOCUMENTS. BAUM WAS INTRODUCED TO EMBASSY THROUGH SWISS FEDERAL COUNCILLOR DR H HUERLIMANN, EQUIVALENT TO US SECRETARY OF INTERIOR.

4. ACTION REQUESTED: ADVISE SOONEST TO WHOM DOCUMENTS DESCRIBED PARA 2 ABOVE SHOULD BE ADDRESSED TO REACH APPROPRIATE OFFICIALS OF HALE OBSERVATORY, MT PALOMAR.

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NNN

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